

## CLAIM AMENDMENTS

1. (Currently amended) Sports shoe, comprising:

a shoe upper,

a sole,

at least one shaped support element rotatably mounted to said sole,

a sole centerpoint,

a sole heel portion,

~~having downwardly projecting ground-engaging elements attachable to said at least one shaped support element,~~

a geometric axis line perpendicular to said sole and passing through the sole at a point between said sole centerpoint and said sole heel portion,

said at least one shaped support element being rotatable with respect to said sole only in a single plane and only about said geometric axis,

at least one ground engaging element attachable to said at least one shaped support element ahead of said sole centerpoint,

and at least one ground engaging element being attachable to said at least one shaped support element behind said sole centerpoint.

~~and ground-engaging element-mounting elements which are movable with respect to a shoe upper only along an arc, which has a center of curvature that is located between a heel portion of the sole and a centerpoint of the shoe sole;~~

~~at least one of the ground-engaging elements rotating ahead of and at least one of the ground-engaging elements rotating behind the centerpoint of the shoe around the center of curvature;~~

2. (Currently amended) The sports shoe as defined in Claim 1, wherein the ground-engaging elements ~~or the mounting elements provided for mounting the ground-engaging elements,~~ can be moved between a starting position and an end position.

3. (Currently amended) The sports shoe as defined in Claim 1 wherein the at least one ground-engaging elements, ~~or the shaped support element,~~ are provided on ~~at least one~~ support which is guided and held by a guide to move along the an arc.

4. (Currently amended) The sports shoe as defined in Claim 3, wherein the at least one shaped support element can be moved between a starting position and an end position.
5. (Currently amended) The sports shoe as defined in Claim 3 wherein the at least one shaped support element is held undetachably by the guide.
6. (Withdrawn) The sports shoe as defined in claim 3 wherein the support is a slide.
7. (Withdrawn) The sports shoe as defined in claim 3 wherein the guide is an arc-shaped groove that matches the support.
8. (Withdrawn) The sports shoe as defined in claim 6, wherein the slide is shaped in the form of an arc of a circle.
9. (Currently amended) The sports shoe as defined in claim 3, wherein at least two supports elements are provided, which are arranged in ~~substantially concentric form to rotate around said geometric axis line~~ and each of which is held and slidably guided by a separate guide means.
10. (Currently amended) The sports shoe as defined in claim 9, wherein at least one said support is arranged in the region of the forefoot, and at least one said support is arranged in the region of the heel.
11. (Currently amended) The sports shoe as defined in claim 1 wherein the guide is ~~closed on both ends thereof so that the~~ path of movement of the at least one supports element is limited.
12. (Withdrawn) The sports shoe as defined in claim 3, wherein the guide is open on at least one end so that the respective support can move a certain length out of its guide.
13. (Withdrawn) The sports shoe as defined in Claim 12, further comprising a stop which acts between the support and its guide and against which the support abuts in order to limit the length by which the support can move out of the guide.

14. (Withdrawn) The sports shoe as defined in Claim 11, wherein, the support has a starting position in which it ends flush with the edge of the sole.

15. (Withdrawn) The sports shoe as defined in Claim 14, wherein the support is a slide which is adapted to slide in the guide and which in its starting position ends flush with and closes the opening of the groove through which the support can be pushed out beyond the edge of the sole.

16. (Withdrawn) The sports shoe as defined in claim 3, wherein the support is shorter than the guide in which the support is received.

17. (Withdrawn) The sports shoe as defined in Claim 16, wherein the guide coacts with a return spring that is capable of returning the support to a starting position.

18. (Withdrawn) The sports shoe as defined in Claim 17, wherein the return spring is arranged in such a way that it embraces the center point of the arc of a circle.

19. (Currently amended) The sports shoe as defined in claim 3, wherein a positive connection exists between the shaped support element and the respective guide, by means of which it is retained in or on the guide during displacement along the guide.

20. (Currently amended) The sports shoe as defined in Claim 19, wherein the guide is undercut along longitudinal edges and that the respective shaped support element engages the undercut.

21. (Currently amended) The sports shoe as defined in Claim 20, wherein the at least one shaped support element has a stepped design, matching the undercuts of the guide.

22. (Previously presented) The sports shoe as defined in claim 19, wherein the support and the guide engage each other in the way of a groove-and-tongue connection.

23. (Currently amended) The sports shoe as defined in claim ~~3~~1 wherein the at least one shaped support element is made from a plastic material.

24. (Currently amended) The sports shoe as defined in Claim 23, wherein the at least one shaped support element is made from a plastic material having the same or similar properties as the sole of the sports shoe.

25. (Currently amended) The sports shoe as defined in claim 3 wherein the at least one shaped support element is mounted on the shoe detachably.

26. (Currently amended) The sports shoe as defined in Claim 25, wherein the at least one shaped support element is mounted on the sole of the sports shoe at its center of rotation which coincides with the center point of ~~the~~ an arc-shaped path of movement of the at least one shaped support element.

27. (Currently amended) The sports shoe as defined in Claim 25, wherein the at least one shaped support element is provided on a holder which is detachably mounted on the sports shoe.

28. (Withdrawn) The sports shoe as defined in Claim 27, wherein the holder comprises one or more clamp by which it can be clamped onto the sports shoe.

29. (Withdrawn) The sports shoe as defined in Claim 27, wherein the holder can be fastened on the sports shoe by buckles.

30. (Withdrawn) The sports shoe as defined in Claim 27, wherein the holder comprises a receiver shoe on which the sports shoe can be placed and firmly locked by application of pressure from above.

31. (Withdrawn) Sports shoe, comprising a sole which is provided with, or is adapted for receiving, downwardly projecting, ground-engaging elements, mounting elements for mounting the ground engaging elements the ground-engaging elements, or the mounting elements, are provided on at least one arc-shaped slide which is undetachably held in a matching arc-shaped groove to slide between a starting position and an end position.

32. (Withdrawn) The sports shoe as defined in Claim 31, further comprising at least two supports arranged in substantially concentric form and each said support is held in a separate groove in sliding relationship.
33. (Withdrawn) The sports shoe as defined in Claim 32, wherein at least one slide is arranged in the region of the forefoot, and at least one slide is arranged in the region of the heel.
34. (Withdrawn) The sports shoe as defined in claim 31, wherein the grooves are closed on both ends.
35. (Withdrawn) The sports shoe as defined in claim 31, wherein the grooves are open on one of their ends so that the respective slide can move a certain length out of its groove.
36. (Withdrawn) The sports shoe as defined in Claim 35, further comprising a stop between the respective slide and its groove against which the slide abuts in order to limit the length by which the slide can move out of the groove.
37. (Withdrawn) The sports shoe as defined in Claim 35, wherein the starting position the respective slide ends flush with and closes the opening of the groove through which the slide can be pushed out beyond the edge of the sole.
38. (Withdrawn) The sports shoe as defined in claim 31, wherein the respective slide is shorter than the groove in which it is received.
39. (Withdrawn) The sports shoe as defined in Claim 38, further comprising a return spring arranged in each groove, said spring is adapted to return the respective slide to its starting position.
40. (Withdrawn) The sports shoe as defined in claim 31, wherein a positive connection exists between the groove and the slide, by which the slide is retained in the groove during displacement in it.

41. (Withdrawn) The sports shoe as defined in Claim 40, wherein the grooves are undercut along their longitudinal edges and that the respective slide engages the undercut.
42. (Withdrawn) The sports shoe as defined in Claim 41, the slide is stepped to match the undercuts of the groove.
43. (Withdrawn) The sports shoe as defined in claim 40, wherein the slide and the groove engage each other in the way of a groove-and-tongue connection.
44. (Currently amended) The sports shoe as defined in claim 31, wherein ~~the~~further comprising a guide is made from a plastic material.
45. (Previously Presented) The sports shoe as defined in Claim 44 wherein the guide comprises a plastic material having the same or similar properties as the remaining sole of the sports shoe.
46. (Currently amended) The sports shoe as defined in Claim 1 wherein the ground-engaging elements (9), or the ~~mounting-shaped support elements~~ coact with a return spring.
47. (Currently amended) The sports shoe as defined in Claim 46, wherein the return spring is arranged in such a way that it embraces ~~the center point of the arc of a circle~~said geometric axis.
48. (Currently amended) The sports shoe as defined in claim 1, wherein ~~the center of curvature of the arc~~said geometric axis is located in front of the heel or heel portion of the sports shoe.
49. (Currently amended) The sports shoe as defined in Claim 48, wherein ~~the center of curvature of the arc~~said geometric axis is located between the heel or heel portion and the a forefoot portion of the sports shoe.

50. (Currently amended) The sports shoe as defined in Claim 48, wherein ~~the center of curvature of the arc~~said geometric axis is located between the heel or heel portion and the ~~a~~ metatarsal portion of the sports shoe.

51. (Currently amended) The sports shoe as defined in Claim 48, wherein ~~the center of curvature of the arc~~said geometric axis is located at a point where the arch of the sole of the foot has its zenith.

52. (Currently amended) The sports shoe as defined in Claim ~~31~~, further comprising a ~~common shaped support element common for all ground-engaging elements outside the~~ heel portion.

53. (Currently amended) The sports shoe as defined in Claim ~~31~~, further comprising a ~~common shaped support element common for all ground-engaging elements within the heel~~ portion.

54. (Currently amended) The sports shoe as defined in Claims ~~52~~1, wherein ~~the support has comprising a first shaped support element common for all ground-engaging elements outside the heel portion and a second shaped support element common for all ground-engaging elements within the heel portion and wherein both shaped support elements have~~ a common pivot axis.

55. (Currently amended) The sports shoe as defined in Claim 54, wherein the first and second shaped support elements ~~are~~ is arranged on the common pivot axis.

56. (Currently amended) The sports shoe as defined in Claim 55, the first and second shaped support elements forms a single unit.

57. (Withdrawn) A sports shoe, comprising: a sole having downwardly projecting ground engaging elements, at least two arc shaped elements to which the downwardly projecting elements are attached, the mounting elements movable around at least two different centers of curvatures, the mounting elements and ground engaging elements being movable with respect to a shoe upper at all times.



58. (Currently amended) A sports shoe according to claim 1, further comprising: ~~a sole having downwardly projecting ground engaging elements and~~ at least one ground engaging mounting element which is movable with respect to a shoe upper only in an arc having a center of curvature, some of the ground engaging elements and mounting elements rotating ahead of and some of the ground engaging elements and mounting elements rotating behind a center point of the shoe.

59. (Currently amended) A sports shoe according to claim 58~~1~~, the shoe sole having three sections longitudinally; a front, a middle, and a rear, each of the three sections having an approximately equal longitudinal extent, wherein the ~~center of curvature~~geometric axis is located in the middle section.

60. (Previously Presented) Sports shoe according to claim 58, further comprising at least a first and a second ground engaging mounting element, the first ground engaging mounting element having a center of curvature different than the second ground engaging mounting element.

61. (Currently amended) Sports shoe according to claim ~~57~~1, further comprising a metatarsal portion of the sole, wherein the center of curvature is located between the heel portion and the metatarsal portion.

62. (Currently amended) Sports shoe according to claim ~~57~~1, a portion of the ~~mounting at least one shaped support elements~~ being movable such that at least a portion of the ~~movable at least one shaped support elements~~ extends beyond an outer edge of the shoe sole.

63. (Currently amended) Sports shoe according to claim 1, further comprising: ~~a sole having downwardly projecting ground engaging elements which are movable with respect to a shoe upper only along an arc, wherein at least one ground-engaging element is a forefoot ground-engaging element that is arranged in the forefoot portion of the shoe and at least one ground-engaging element is a heel ground-engaging element that is arranged in the heel portion of the shoe, wherein the ground-engaging elements are guided to rotate about along at least one arc which has a center of curvature~~the geometric axis that is located between the forefoot portion of the shoe and the heel portion of the shoe, the ground-engaging elements are moving such that all forefoot ground-engaging elements are always



on one side of the center-geometric axis and all heel ground-engaging elements are always on the other side of the centergeometric axis.

64. (Currently amended) Sports shoe according to claim 1, further comprising: a sole having mounting elements for mounting downwardly projecting ground-engaging elements, said mounting shaped support elements being movable with respect to a shoe upper only along an arc, wherein of which at least one mounting support element is a forefoot mounting element that is arranged in the forefoot portion of the shoe and at least one mounting support element is a heel mounting element that is arranged in the heel portion of the shoe, wherein the mounting support elements are guided to rotate along at least one arc which has a center of curvature geometric axis that is located between the forefoot portion of the shoe and the heel portion of the shoe such that all forefoot mounting support elements are always on one side of the center at least one axis and all heel mounting elements are always on the other side of the center at least one axis.

65. (Currently amended) Sports shoe according to claim 63, wherein all arc-shaped support elements have the same center of curvature geometrical axis of rotation.

66. (Currently amended) Sports shoe according to claim 64, wherein all arc-shaped support elements have the same center of curvature geometrical axis of rotation.

67. (New) Sports shoe, comprising:

a shoe upper,

a sole,

at least one shaped support element rotatably mounted to said sole,

a sole centerpoint,

a sole heel portion,

downwardly projecting ground-engaging elements attachable to said at least one shaped support element,

a geometric axis line perpendicular to said sole and passing through the sole at a point between said sole centerpoint and said sole heel portion,

said at least one shaped support element being rotatable with respect to said sole only about said geometric axis,

at least one ground engaging element attachable to said at least one shaped support element ahead of said sole centerpoint,

and at least one ground engaging element being attachable to said at least one shaped support element behind said sole centerpoint.

68. (New) Sports shoe, comprising:

a shoe upper,

a sole,

a support element mounted rotatably to a bottom surface of the sole such that the support element is rotatable about an axis located between a forefoot portion of the shoe and a heel portion of the shoe,

the axis being oriented transverse to the bottom surface of the sole and the support element having downwardly projecting ground-engaging elements at least one of which are located ahead of said axis and the remaining ground-engaging elements being located behind said axis of the shoe.